

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 263742000201

Application Number 09/836,625

Applicant

Bruce J. ROSER, et al.

Filing Date April 16, 2001

Group Art Unit 1642

Mailing Date: September 12, 2002

RECEIVED

SEP 17 2002

## U.S. PATENT DOCUMENTS

TECH CENTER 1600/2900

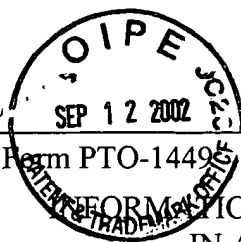
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	01/26/1971	3,557,717	Chivers			
	2.	11/09/1971	3,619,294	Black et al.			
	3.	01/04/1972	3,632,357	Childs			
	4.	04/11/1972	3,655,442	Schwer et al.			
	5.	11/28/1978	4,127,502	Li Mutti et al.			
	6.	06/19/1979	4,158,544	Louderback			
	7.	04/27/1982	4,327,076	Puglia et al.			
	8.	04/27/1982	4,327,077	Puglia et al.			
	9.	05/13/1986	4,588,744	McHugh			
	10.	10/20/1987	4,701,417	Portenhauser et al.			
	11.	08/09/1988	4,762,857	Bollin, Jr. et al.			
	12.	09/12/1989	4,865,871	Livesey et al.			
	13.	11/28/1989	4,883,762	Hoskins			
	14.	01/02/1990	4,891,319	Roser			
	15.	06/25/1991	5,026,566	Roser			
	16.	03/24/1992	5,098,893	Franks et al.			
	17.	09/22/1992	5,149,653	Roser			
	18.	09/07/1993	5,242,792	Rudolph et al.			
	19.	03/01/1994	5,290,765	Wettlaufer et al.			
	20.	09/20/1994	5,348,852	Bonderman			
	21.	06/06/1995	5,422,384	Samuels et al.			
	22.	04/30/1996	5,512,547	Johnson et al.			
	23.	03/18/1997	5,612,315	Pikal et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



Form PTO-1449 <b>FORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number 263742000201	Application Number 09/836,625
	Applicant Bruce J. ROSER, et al.	
	Filing Date April 16, 2001	Group Art Unit 1642
	Mailing Date: September 12, 2002	

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
1	24.	06/13/1979	GB 2 009 198 A	Britain				
	25.	03/28/1984	GB 2 126 588 A	Britain				
	26.	01/05/1989	GB 2 206 273 A	Britain				
	27.	03/06/1991	EP 0 415 567 A2	Europe				
	28.	08/07/1985	60-149972 A2	Japan				
	29.	05/11/1988	63-106562 A2	Japan				
	30.	01/15/1987	WO 87/00196 A1	WIPO				
	31.	07/27/1989	WO 89/06542 A1	WIPO				
	32.	05/03/1990	WO 90/04329 A1	WIPO				
	33.	11/15/1990	WO 90/13637 A1	WIPO				
	34.	02/20/1992	WO 92/02133 A1	WIPO				
1	35.	02/03/1995	WO 95/05809 A1	WIPO			English abstract only	
	36.	12/14/1995	WO 95/33488 A1	WIPO				
1	37.	12/19/1996	WO 96/40077 A2, A3	WIPO				

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
1	38.	Anonymous, (1995). "Biochemicals Organic Compounds for Research and Diagnostic Reagents," <i>SIGMA Chemical Company Catalogue</i> , pp. 995.
	39.	Blakeley, D. et al. (October 6, 1990). "Dry Instant Blood Typing Plate for Bedside Use," <i>Lancet</i> 336:854-855.
	40.	Burgess, W.H. et al. (1990). "Possible Dissociation of the Heparin-Binding and Mitogenic Activities of Heparin-Binding (Acidic Fibroblast) Growth Factor-1 from its Receptor-Binding Activities by Site-Directed Mutagenesis of a Single Lysine Residue," <i>J. Cell. Biol.</i> 11:2129-2138.
	41.	Colaco, C. et al. (September 1992). "Extraordinary Stability of Enzymes Dried in Trehalose: Simplified Molecular Biology," <i>BIO/Technol.</i> 10:1007-1011.
	42.	Colaco, C. et al. (1992). "Trehalose Stabilisation of Biological Molecules," <i>Biotechnol. Int'l.</i> pp. 345-350.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number 263742000201	Application Number 09/836,625
	Applicant Bruce J. ROSER, et al.	
	Filing Date April 16, 2001	Group Art Unit 1642
	Mailing Date: September 12, 2002	

43.	Furtado, M.D.F.D. (1991). "Quality Control of Animal Venoms and of Their Correspondent Antivenoms I. Standardization of the Assay Methods to Analyze the Biochemical and Pharmacological Properties of Venoms from Some Snakes Belonging to the Genus <i>Bothrops</i> and <i>Crotalus</i> by Using Samples of Venoms Dried on at Room Temperature or Lyophilized," <i>Mem. Inst. Butantan</i> 53(2):149-159. (in original version).
44.	Gillies, S.D. and Wesolowski, J.S. (1990). "Antigen Binding and Biological Activities of Engineered Mutant Chimeric Antibodies with Human Tumor Specificities," <i>Hum. Antibod. Hybridomas</i> 1(1):47-54.
45.	Hora, M.S. (1992). "Lyophilized Formulations of Recombinant Tumor Necrosis Factor," <i>Pharmaceutical Res.</i> 9(1):33-36.
46.	Hottiger, T. et al. (1994). "The Role of Trehalose Synthesis for the Acquisition of Thermotolerance in Yeast II. Physiological Concentrations of Trehalose Increase the Thermal Stability of Proteins <i>In Vitro</i> ," <i>Eur. J. Biochem.</i> 219(1-2):187-193.
47.	Ivins, B.E. (February 1992). "Immunization Against Anthrax with <i>Bacillus anthracis</i> Protective Antigen Combined with Adjuvants," <i>Infection &amp; Immunity</i> 60(2):662-668.
48.	Lazar, E. et al. (March 1988). "Transforming Growth Factor $\alpha$ : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," <i>Mol. &amp; Cell. Biol.</i> 8(3):1247-1252.
49.	Pikal, M.J. et al. (1991). "The Effects of Formulation Variables on the Stability of Freeze-Dried Human Growth Hormone," <i>Pharm. Res.</i> 8:427-436.
50.	Roser, B. (September 1991). "Trehalose Drying: A Novel Replacement for Freeze-Drying," <i>BioPharm.</i> 4:47-53.
51.	Roser, B. (July 1991). "Trehalose, A New Approach to Premium Dried Foods," <i>Trends in Food Sci. &amp; Technol.</i> , pp. 166-169.
52.	Tanford, C. and Reynolds, J.A. (1976). "Characterization of Membrane Proteins in Detergent Solutions," <i>Biochim. Biophys. Acta</i> 457:133-170.
53.	Tanford, C. (1980). <u>The Hydrophobic Effect: Formation of Micelles and Biological Membranes</u> . 2nd Edition, John Wiley & Sons: New York, NY. (Table of Contents Only).
54.	Tao, M. and Morrison, S.L. (October 15, 1989). "Studies of Aglycosylated Chimeric Mouse-Human IgG: Role of Carbohydrate in the Structure and Effector Functions Mediated by the Human IgG Constant Region," <i>J. of Immunol.</i> 143(8):2595-2601.
55.	Wang, Y.J. et al., eds. (1993). <u>Stability and Characterization of Protein and Peptide Drugs</u> . Plenum Press: New York, NY., pp. 1058.
56.	Yousri, R.M. (1980). "Protein Aggregation in Aqueous Casein Solution; Effect of Irradiation, Dose level, Concentration, Storage, and Additives (Carbohydrate and Lipid)," <i>Z. Ernährungswiss</i> 19(2):111-121.

EXAMINER:	DATE CONSIDERED:
-----------	------------------

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.